PATENTS

THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Attempty Docket No.: 47508.514 / HYZ-075 US2)

Applicant:

Agrawal et al.

Serial No.:

09/825,489

Filing Date:

April 3, 2001

Title:

Sensitization of Cells to Cytotoxic Agents Using Oligonucleotides

Directed to Nucleotide Excision Repair of Transcription Coupled

Repair Genes

Examiner:

Not Yet Assigned

Group Art Unit:

Not Yet Assigned

Assistant Commissioner for Patents

MAY 1 6 2002

Washington, D.C. 20231

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

> SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT WITH STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

Patricia J. Byrnes

Mail Deposit

Dear Sirs:

Applicant and their legal representatives hereby make of record on the attached PTO Form-1449 the following publications which are known to them and considered warranting disclosure under 37 C.F.R. §1.56. Copies of each of these publications are enclosed.

Applicant states under 37 C.F.R. §1.97(e)(1) that the publications were cited in an International Search Report issued in connection with a counterpart Patent Cooperation Treaty application No. PCT/US01/10800 not more than three months prior to the filing of this statement. Also enclosed is a copy of the International Search Report for the Examiner's review.

PATENTS

It is respectfully requested that the information above be expressly considered during the prosecution of this application and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In this regard, it is requested that the Examiner initial and return a copy of the enclosed Form PTO-1449 with the next Patent Office Communication.

This submission does not represent that a search has been made and does not constitute an admission that the listed documents are material to patentability or that the listed documents are prior art. If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits and is therefore submitted as both timely and proper; therefore, no fees are believed to be due.

The Commissioner, however, is hereby authorized to charge any fees necessary to maintain the pendency of this application to Deposit Account No. <u>08-0219</u>.

Respectfully submitted,

Date: 1100 13 200 ~

Ann-Louise Kerner, Ph.D. Registration No. 33,523 Attorney for Applicant

Hale and Dorr LLP 60 State Street Boston, Massachusetts 02109

Tel: (617) 526-6192 Fax: (617) 526-5000

| Subt. For, PTO-1449 INFORMATION DISCLOSURE | Docket Number Application Number 47508.514 09/825,489 (HYZ-075 US2) | | |
|--|---|------------------------------------|--|
| IN AN APPLICATION (Use several sheets if necessary) | Applicant Agrawal et al. | | |
| MAY 1 OF 1 | Filing Date April 3, 2001 | Group Art Unit Not Yet Assigned | |

| U.S. Patent Documents | | | | | | |
|-----------------------|--------------------|------|------|--------------|----------|-------------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| Foreign Patent Documents | | | | | | | | | | | |
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| EXAMINER | DOCUMENT | CLIMENT | DOCUMENT | | | | | | | TRANSLATION | |
| INITIAL | NUMBER DATE COUNTRY CLA | CLASS | SUBCLASS | YES | NO | | | | | | |
| | WO 97/32604 | 09/1997 | PCT | | | | | | | | |
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| | | Other Documents (Including Author, Title, Date Pertinent Pages, Etc.) |
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| | A1 | Proc. Amer. Assoc. Can. Res., #4085 "Mixed Backbone Oligonucleotides Targeting the Nucleotide Excision Repair Protein XPA Potentiate Cisplatin Cytotoxicity", vol. 41, March 2000. |
| | A2 | Tortora, G. et al., <i>Proc. Natl. Acad. Sci. USA</i> , "Synergistic Inhibition of Human Cancer Cell Growth by Cytotoxic Drugs and Mixed Backbone Antisense Oligonucleotide Targeting Protien Kinase A". 94 :12586-12591, November 1997. |
| | А3 | Bianco, C., <i>Proc.</i> 41 st Annual ASTRO Meeting, #28 "Synergistic Antproliferative Effects of Ionizing Radiations With Anti-Epidermal Growth Factor Receptor Monoclonal Antibody C225 and Protein Kinase A Antisense Oligonucleotide HYB 165". |
| | A4 | |
| | A5 | |
| | A6 | |
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| I | A7 | |

| EXAMINER | DATE CONSIDERED | | |
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| EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant. | | | |